

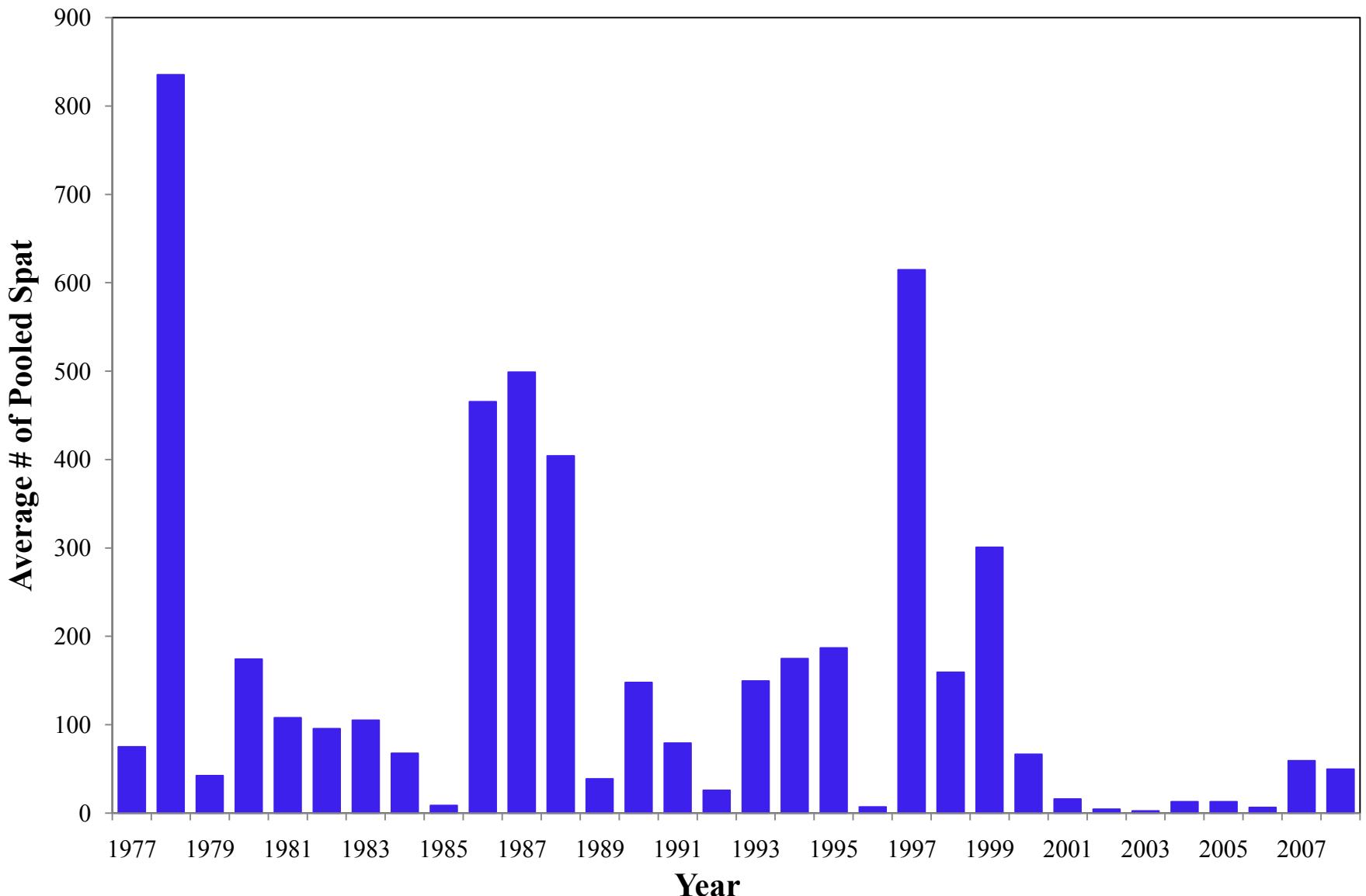
# OYSTER WORKSHOP

March 12, 2009

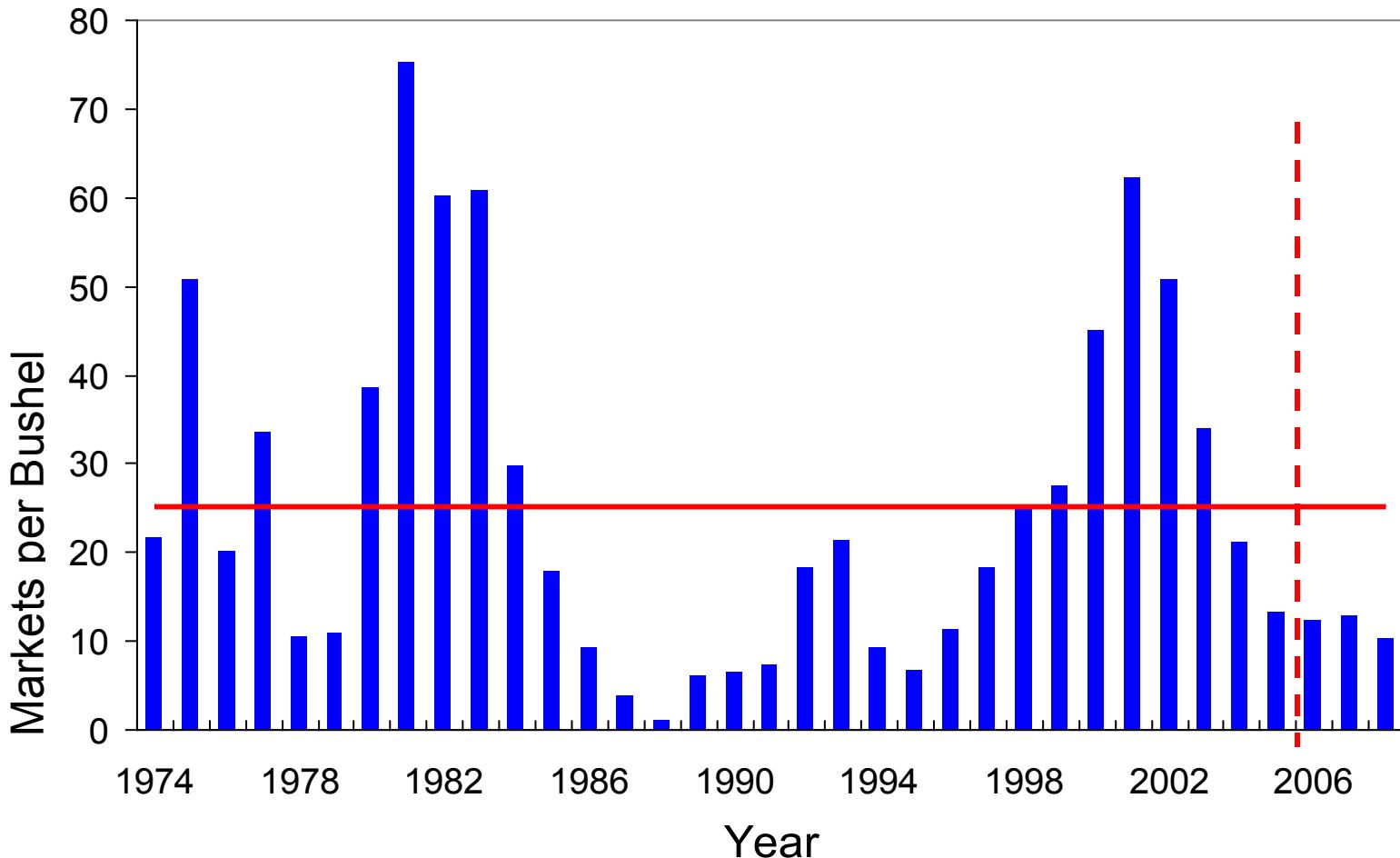


Overheads presented by Delaware  
Division of Fish & Wildlife Staff

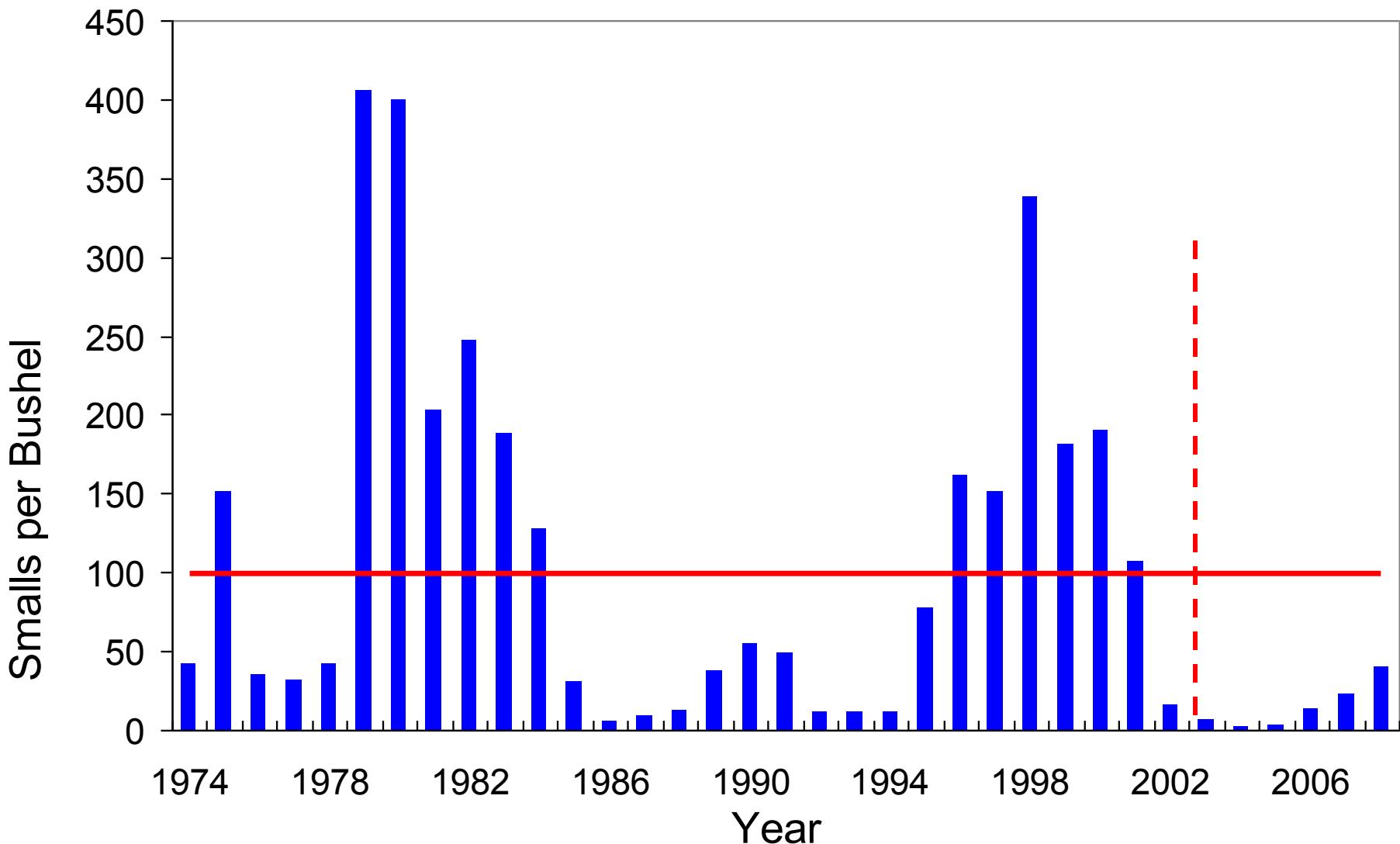
# Average Number of Pooled Spat, 1977-2008



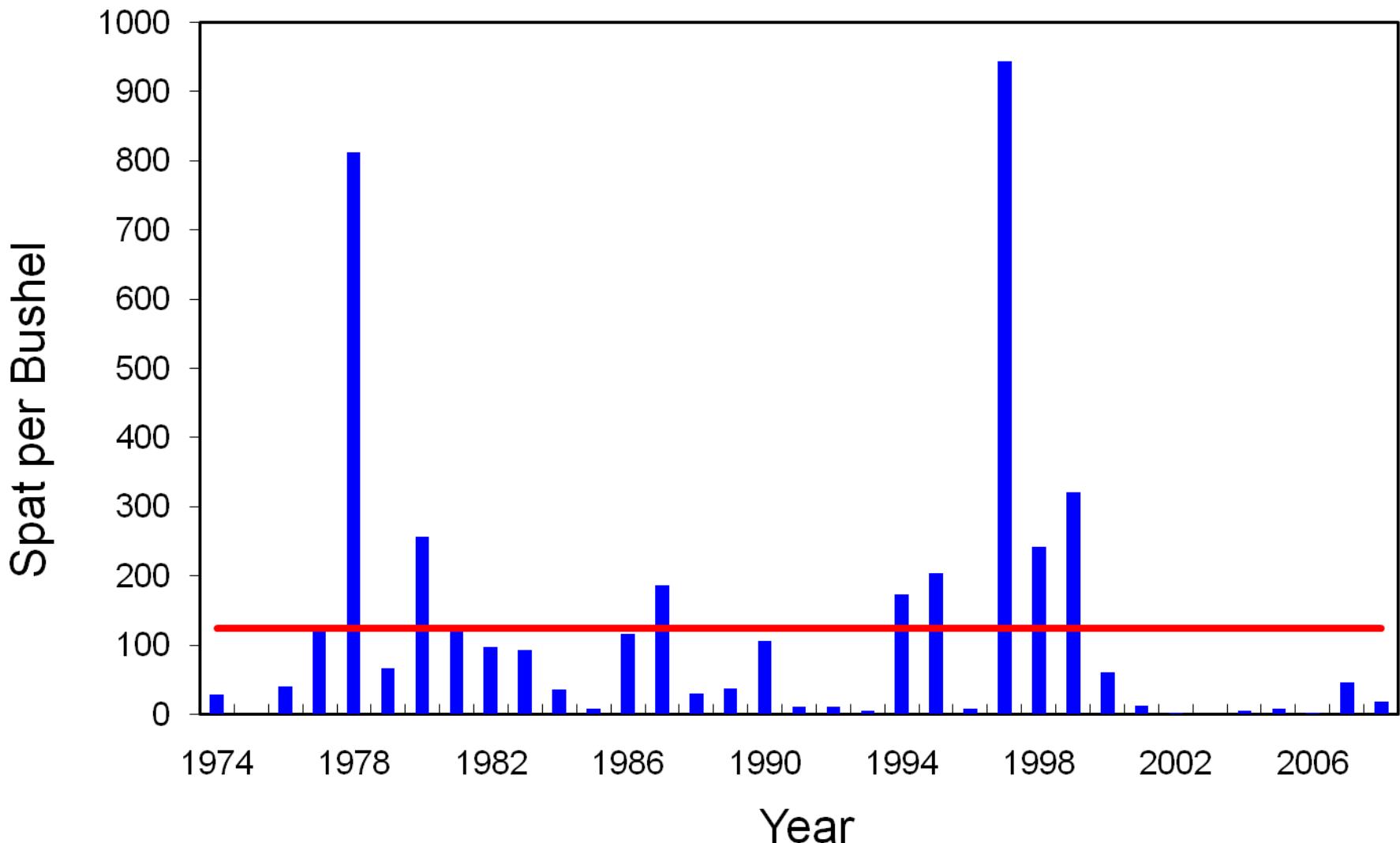
# Ridge Market Oysters



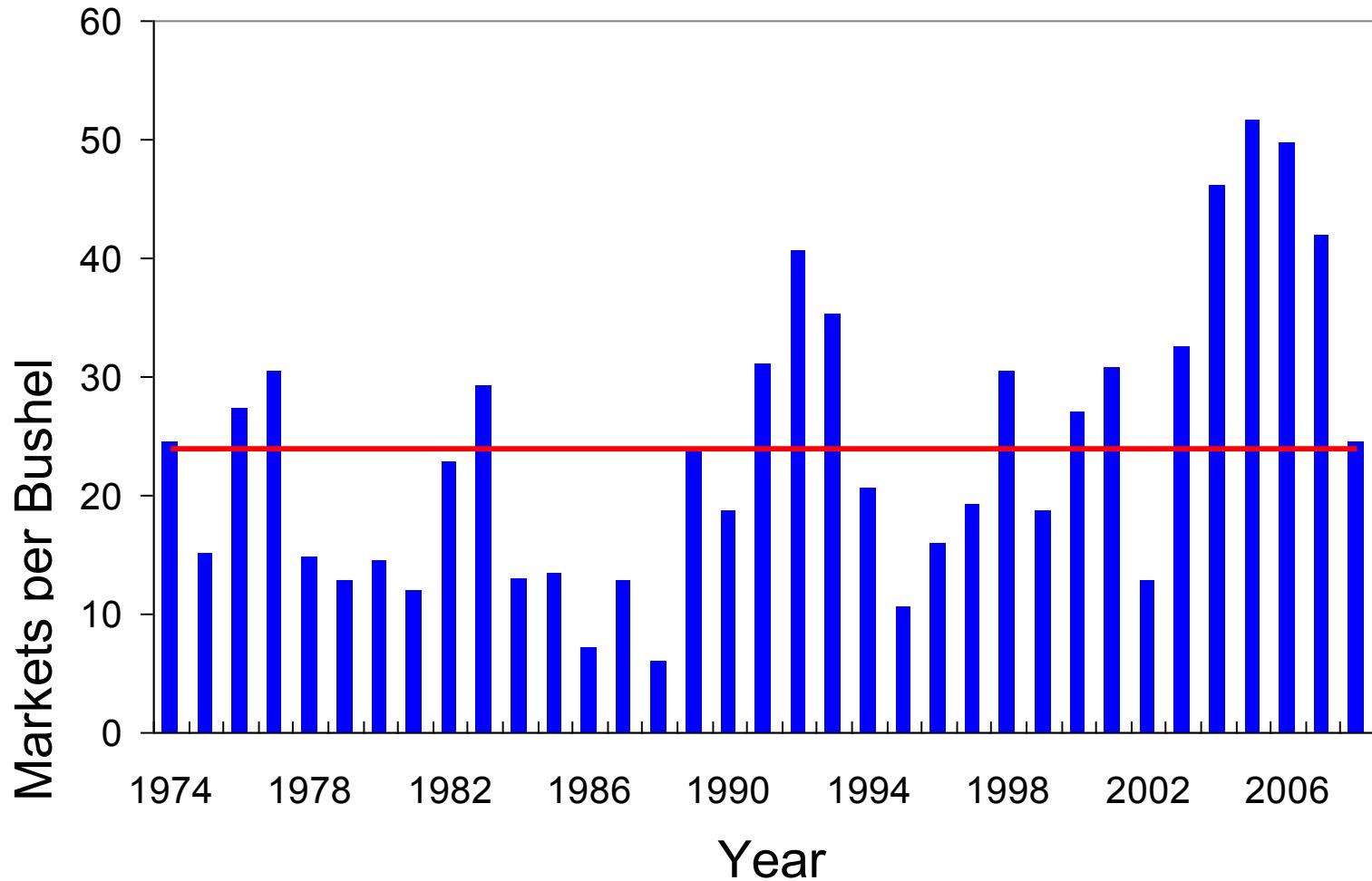
# Ridge Small Oysters



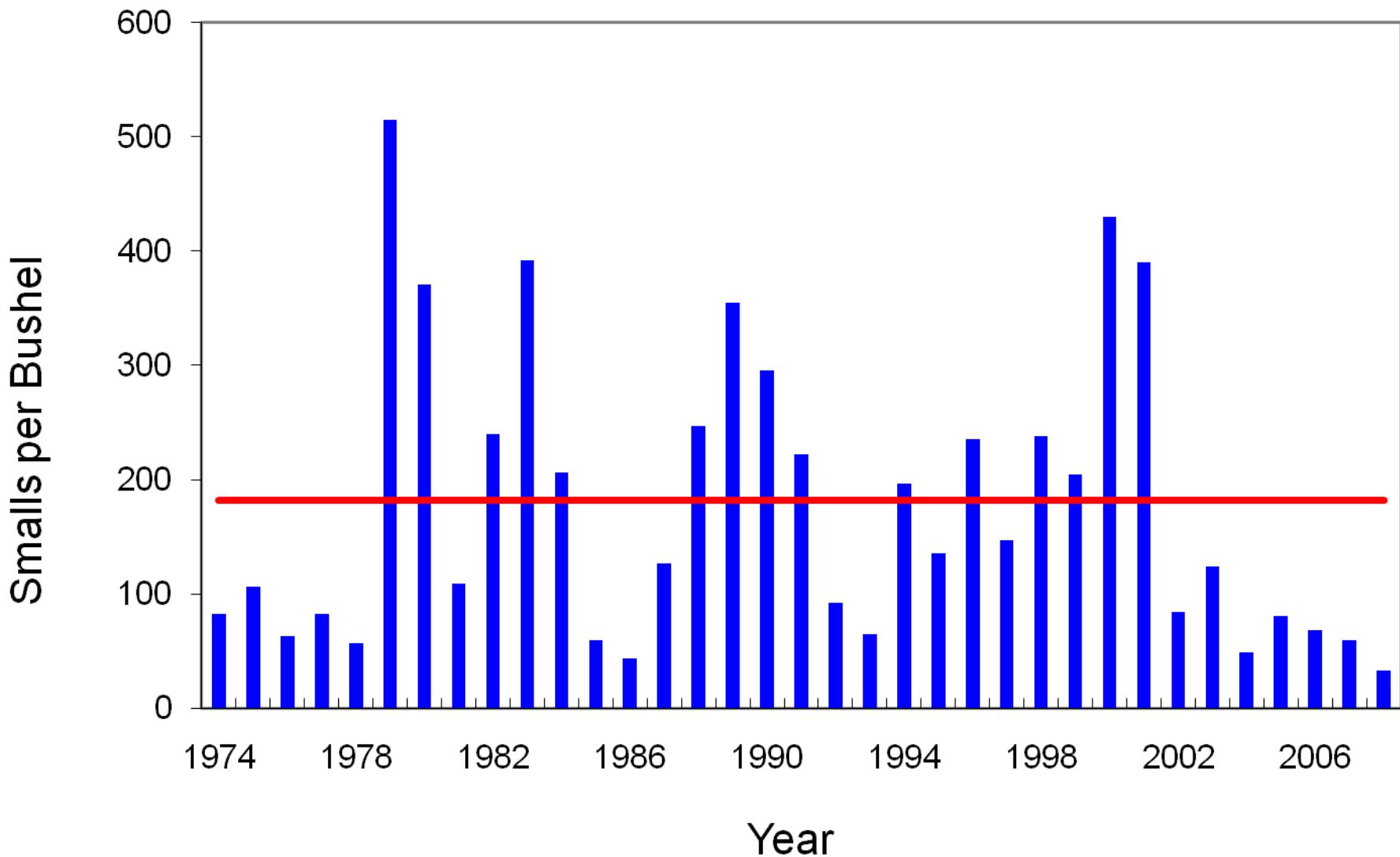
# Ridge Spat per Bushel



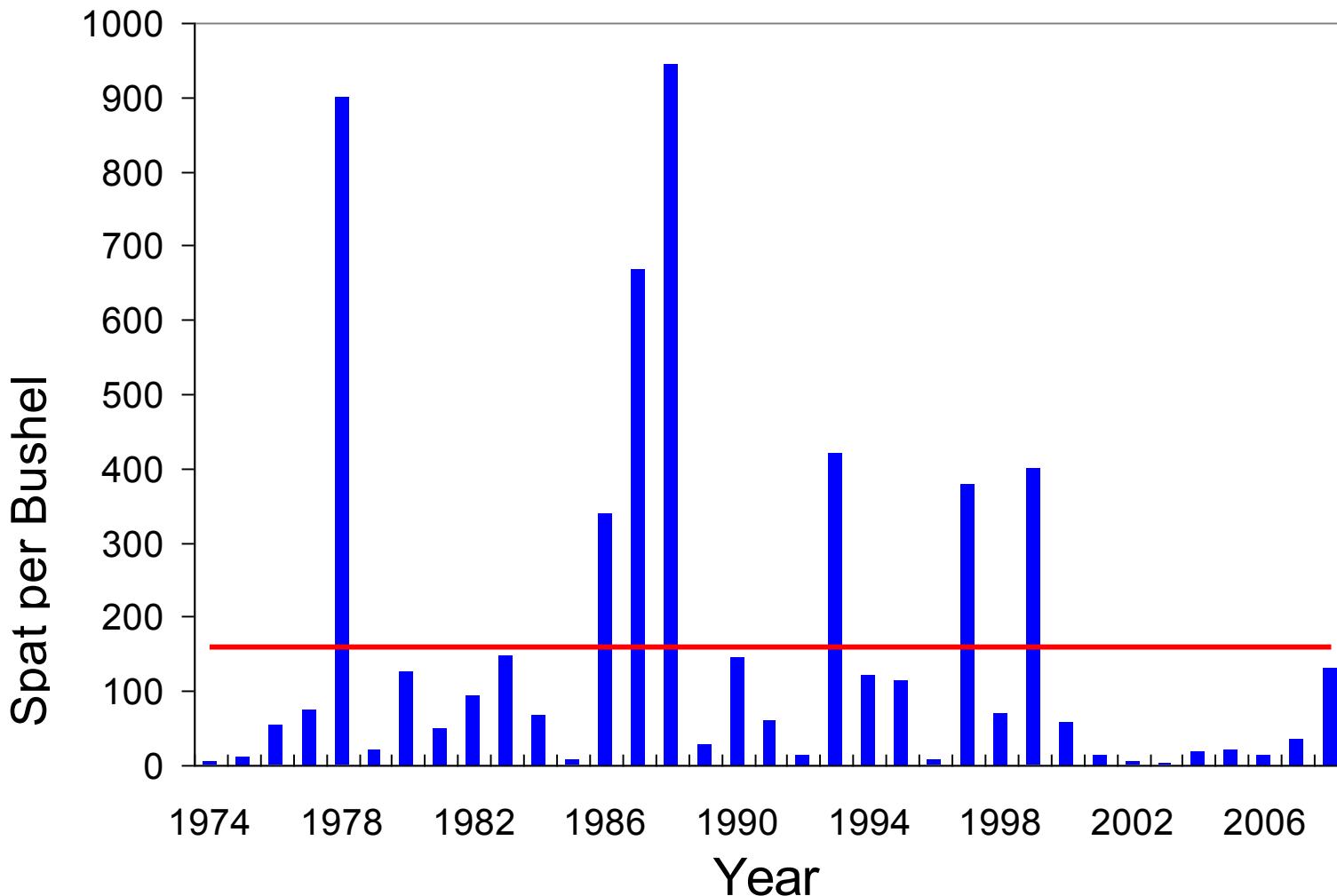
# Silver Bed Market Oysters



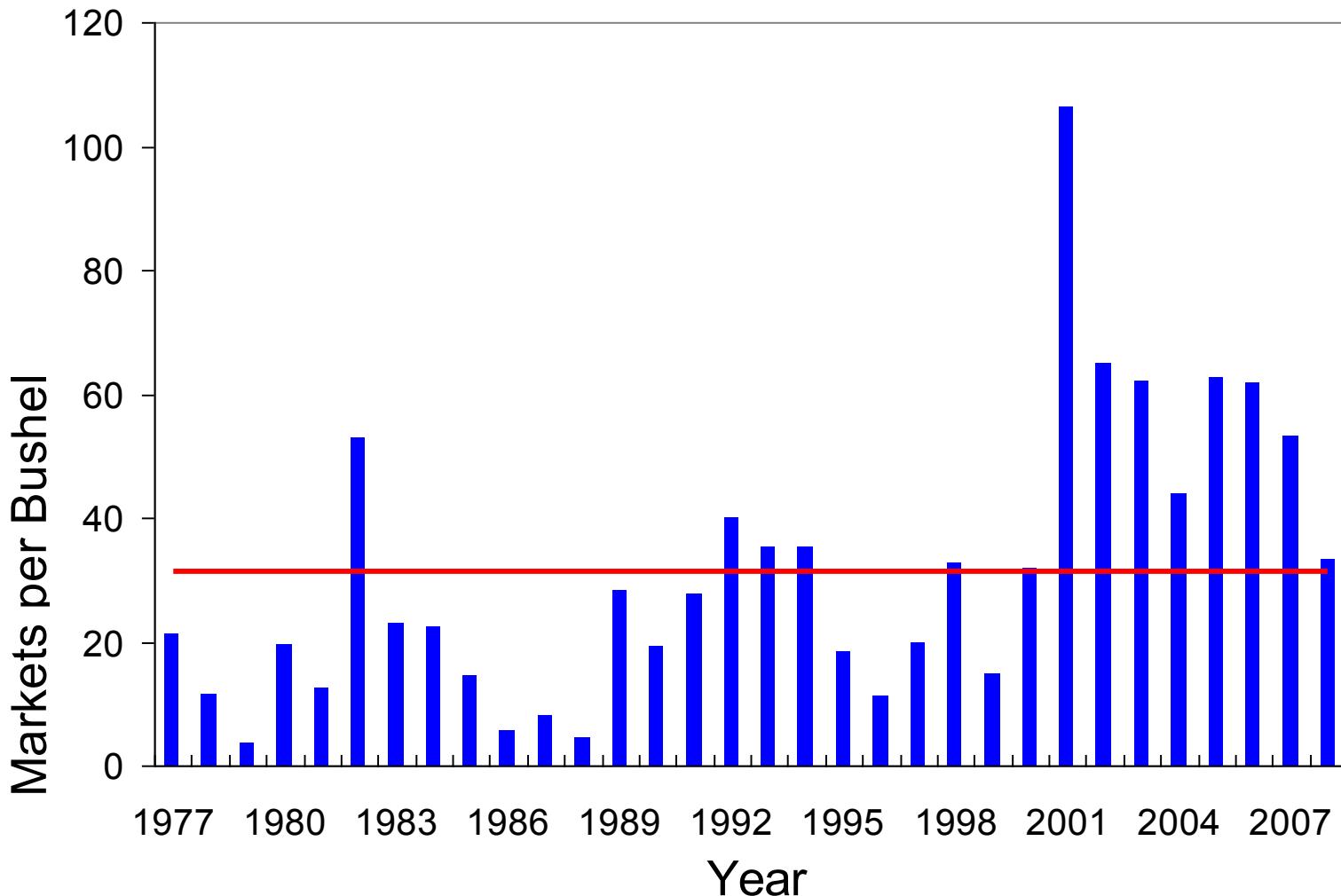
# Silver Bed Small Oysters



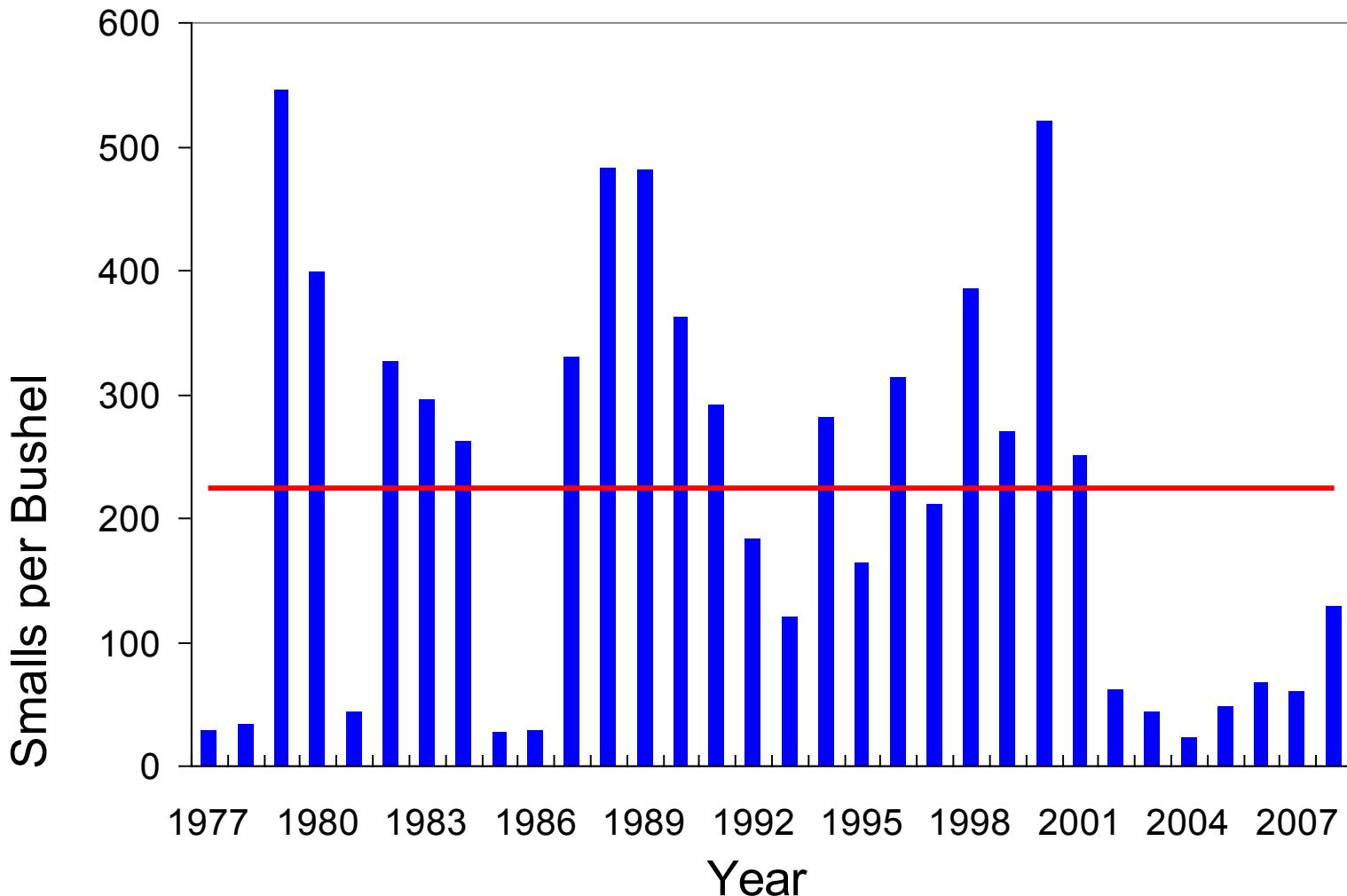
# Silver Bed Spat per Bushel



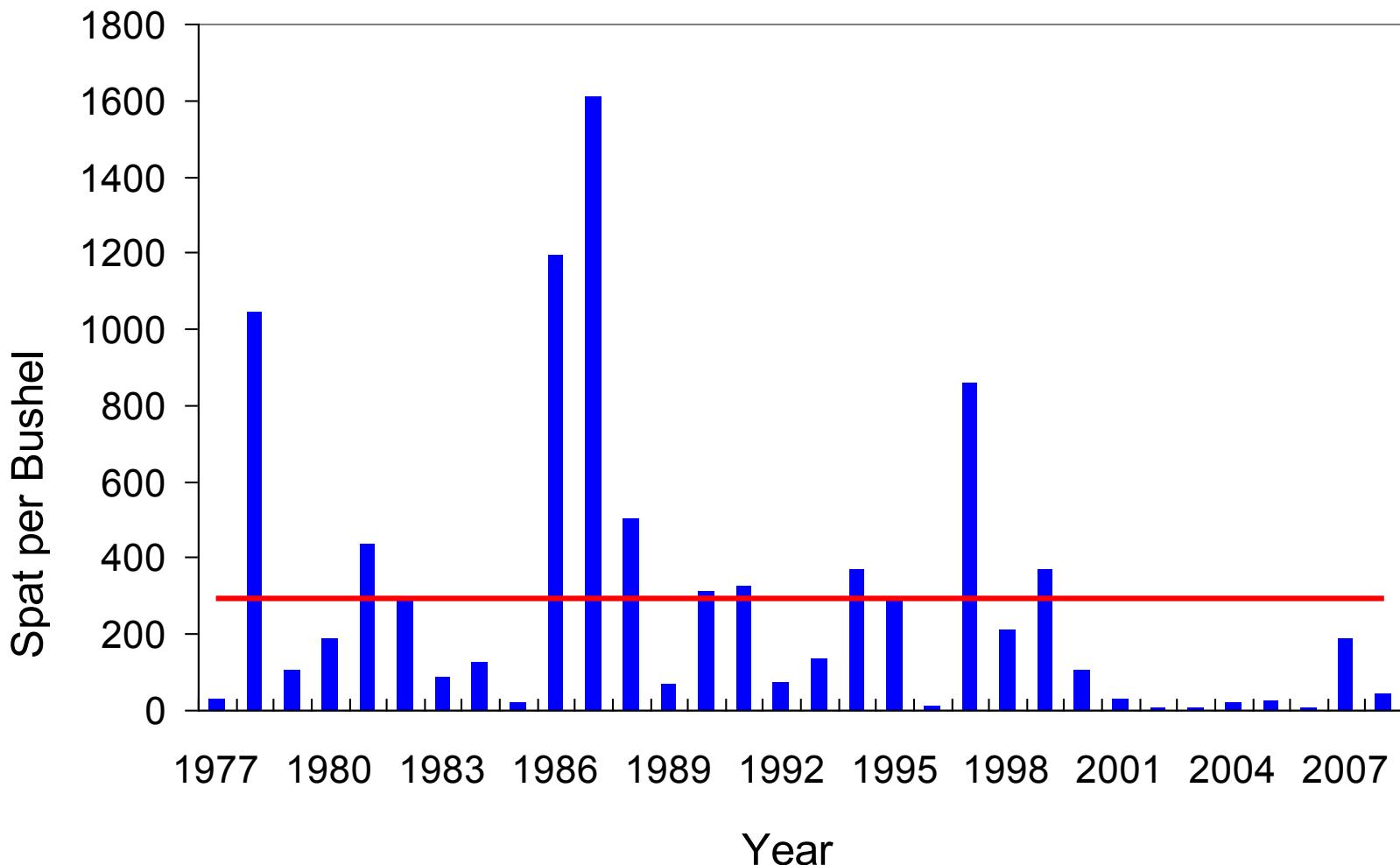
# Lower Middle Market Oysters



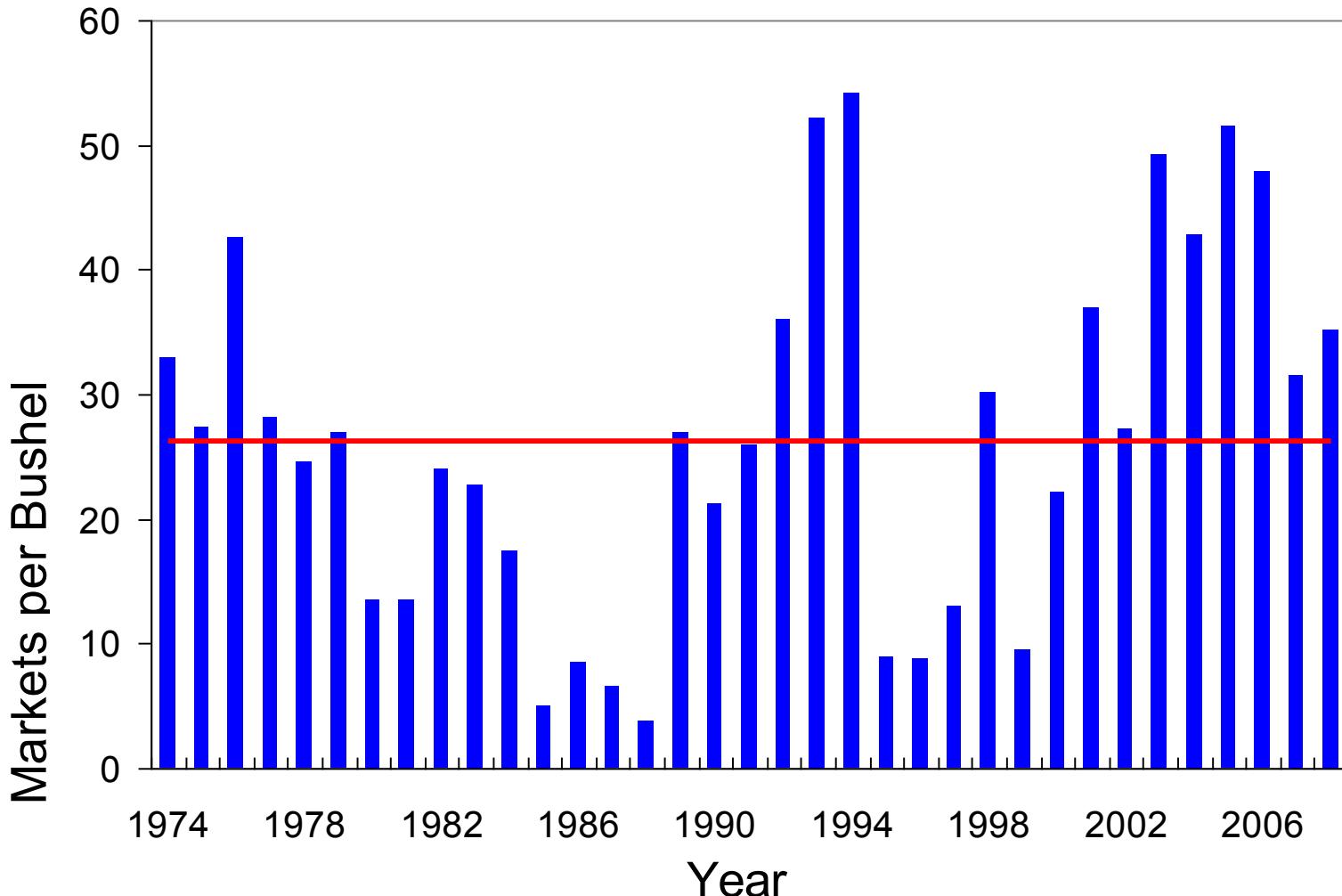
# Lower Middle Small Oysters



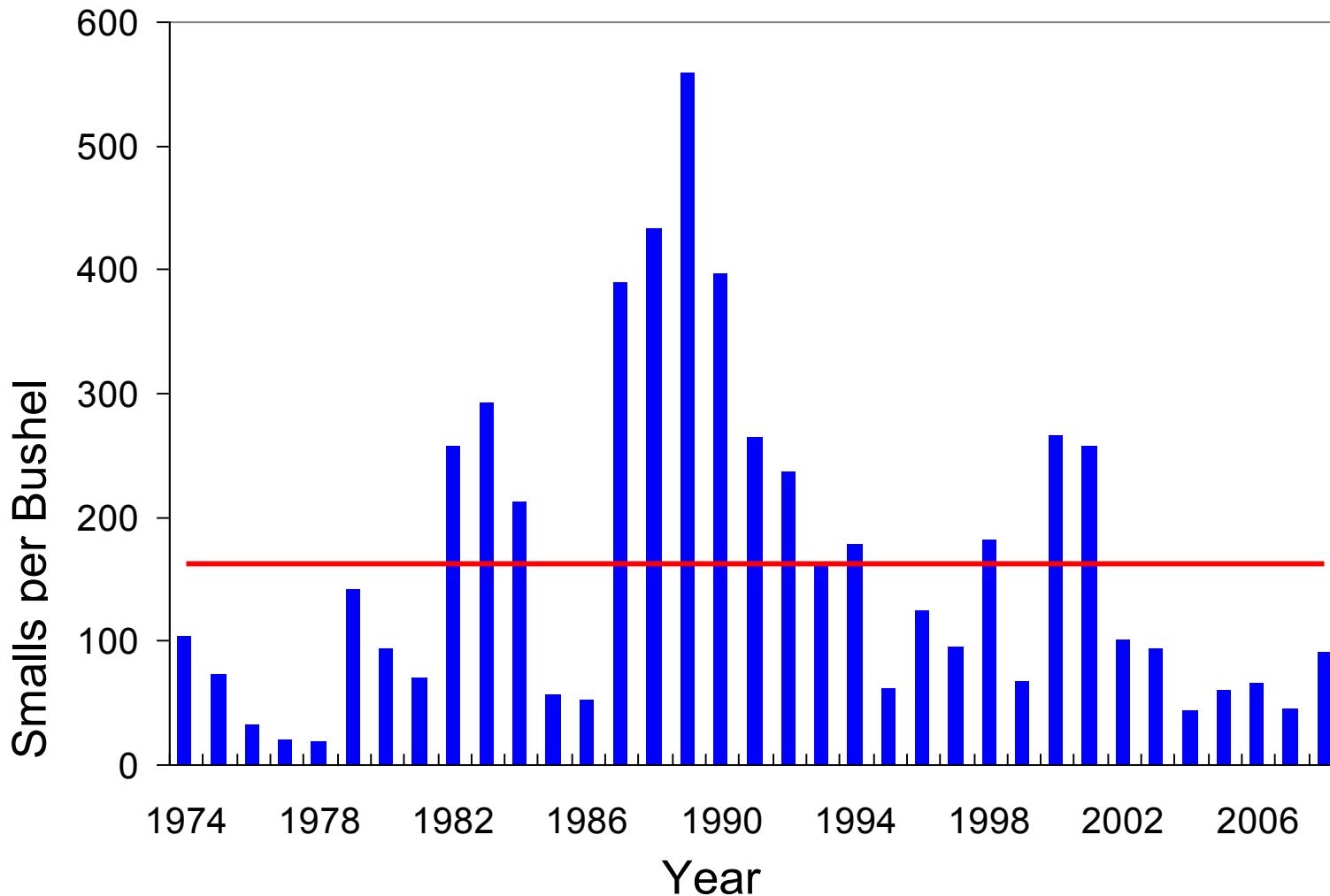
# Lower Middle Spat per Bushel



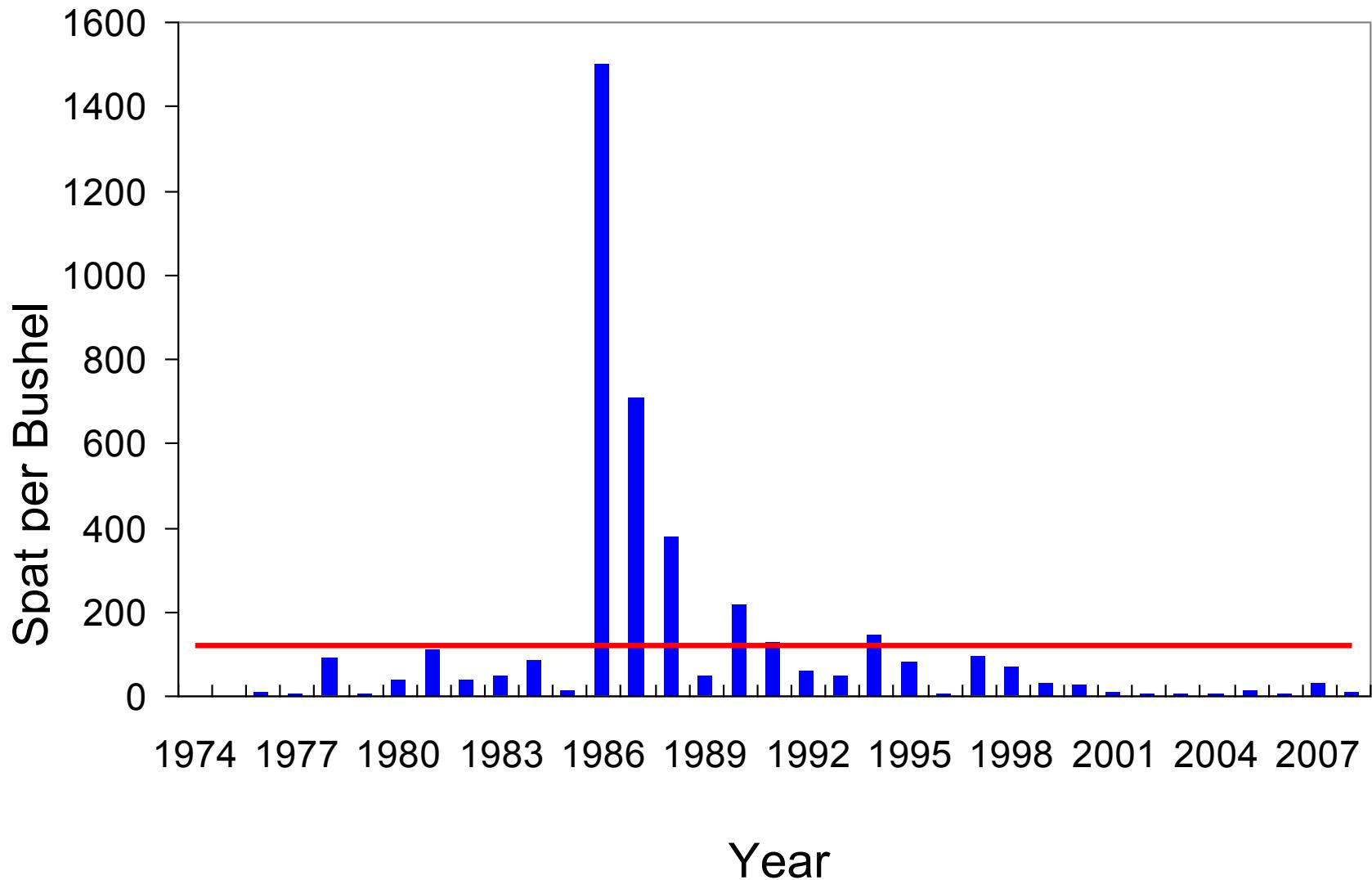
# Over the Bar Market Oysters



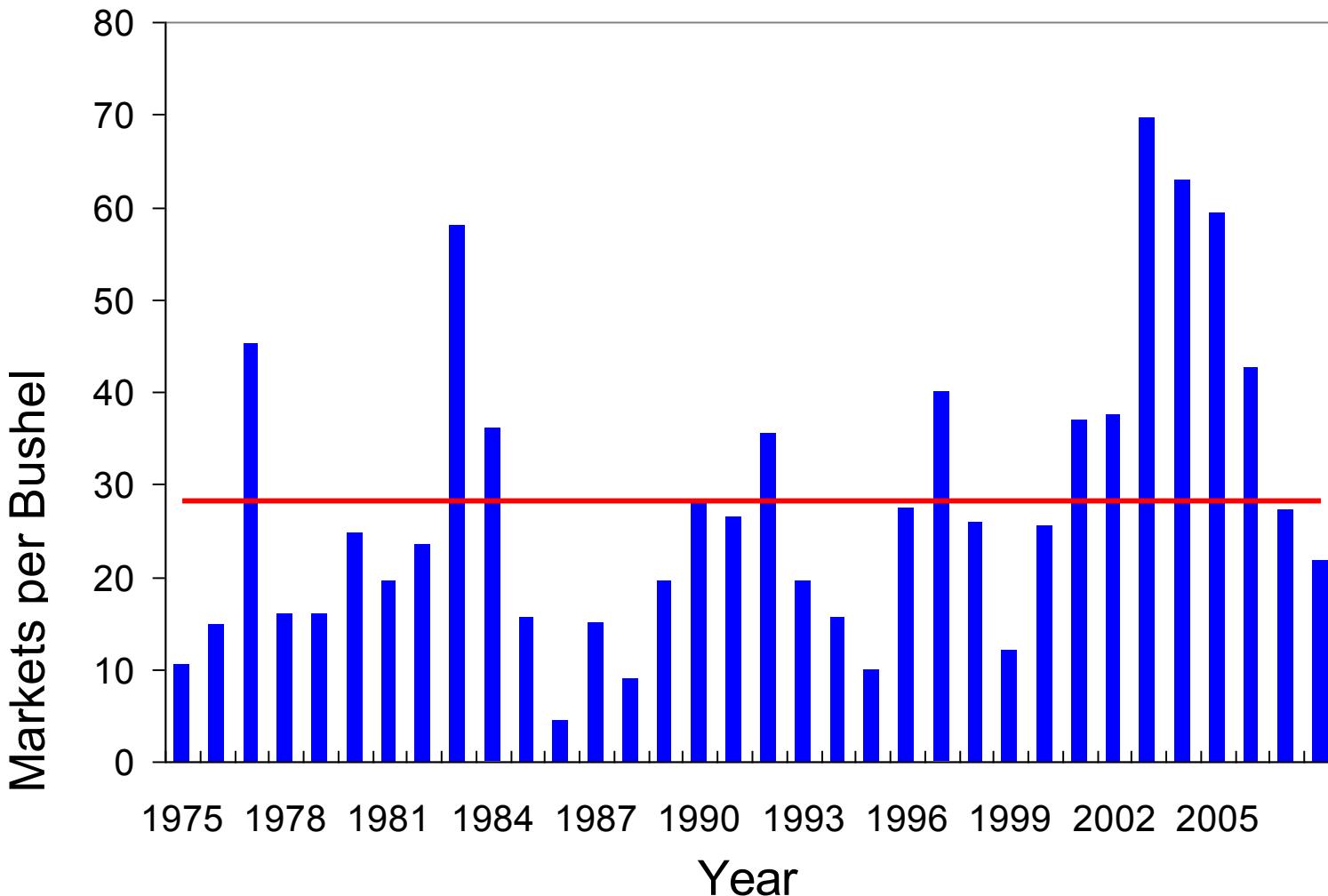
# Over the Bar Small Oysters



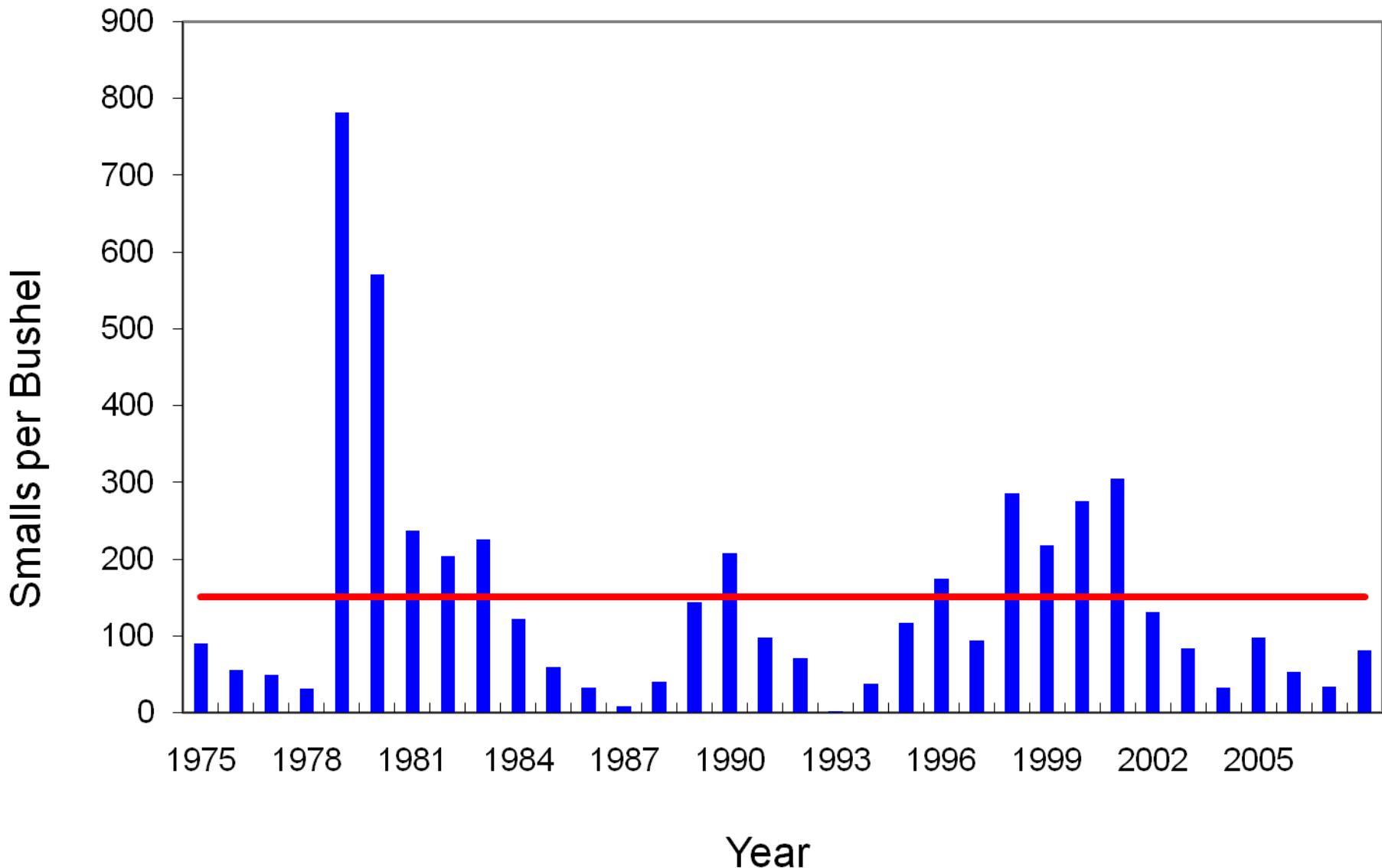
# Over the Bar Spat per Bushel



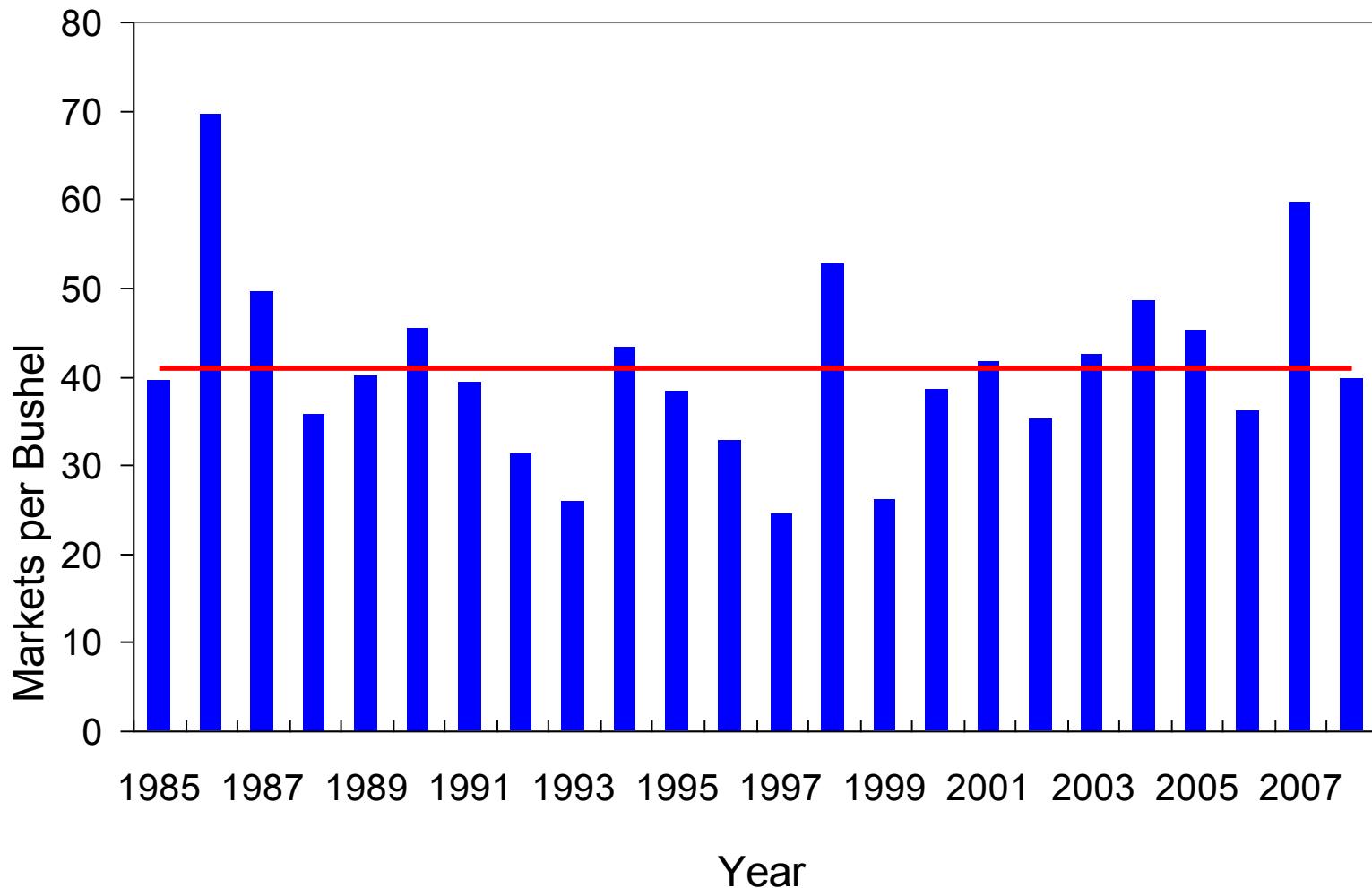
# Drum Bed Market Oysters



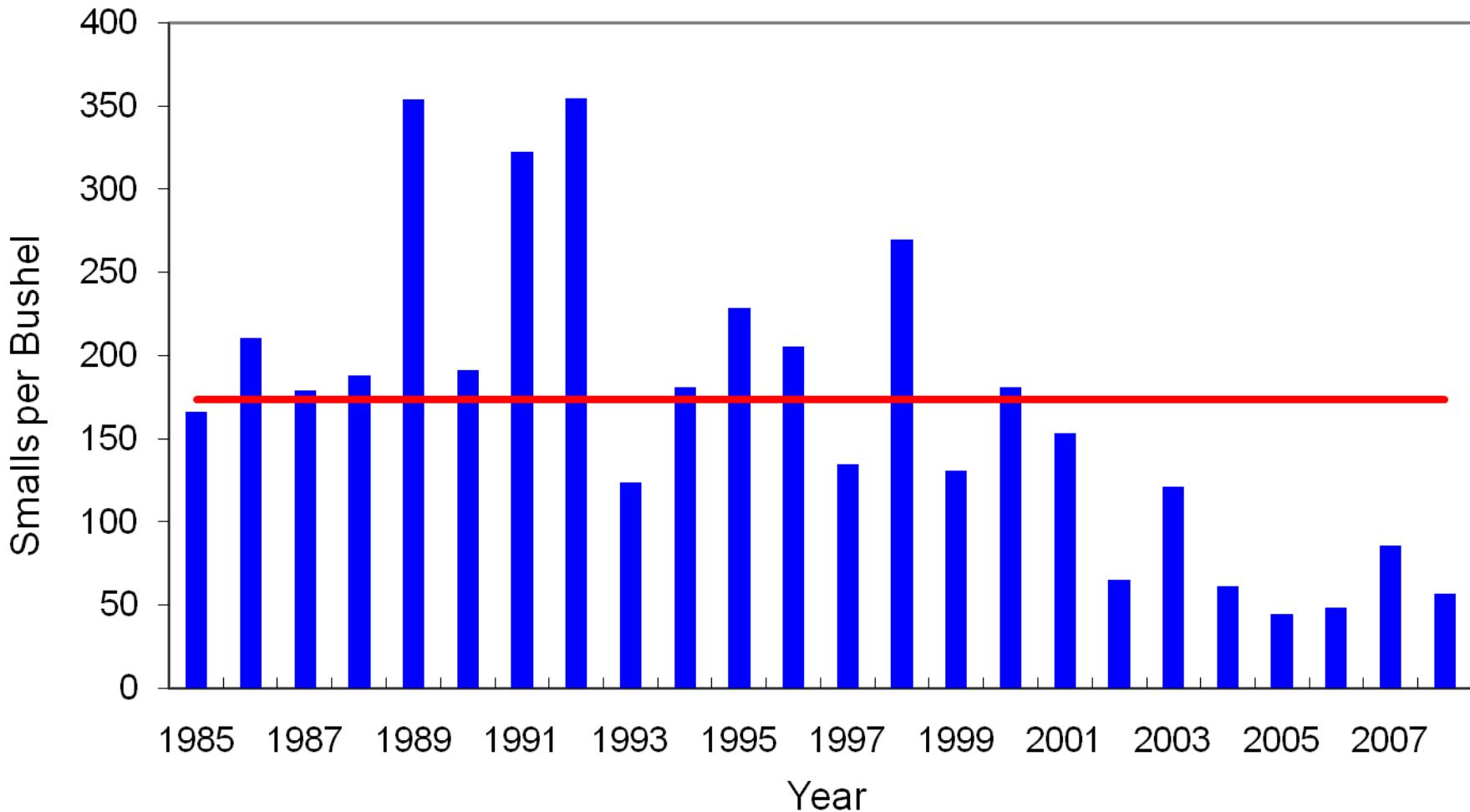
# Drum Bed Small Oysters



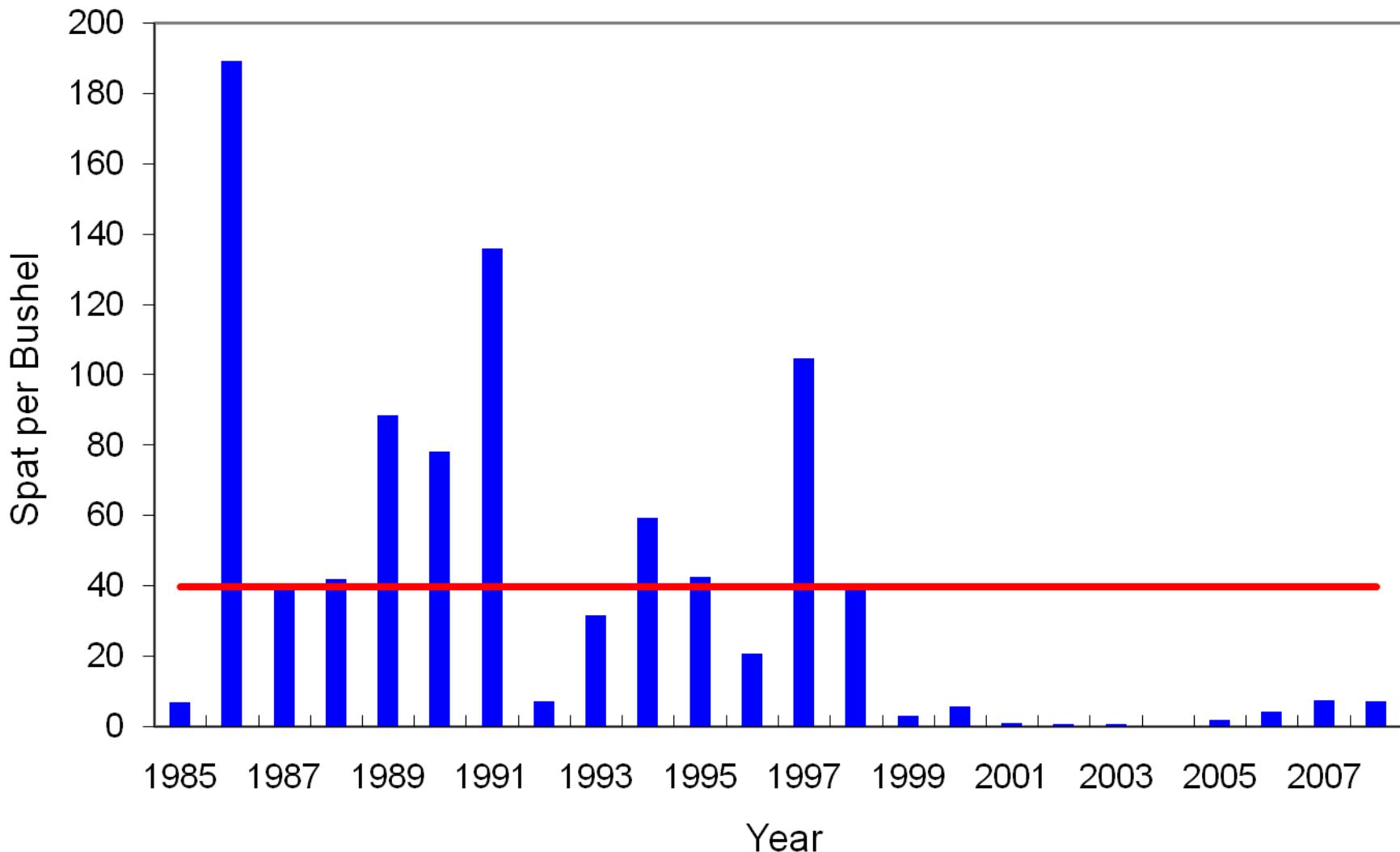
# Woodland Beach Market Oysters



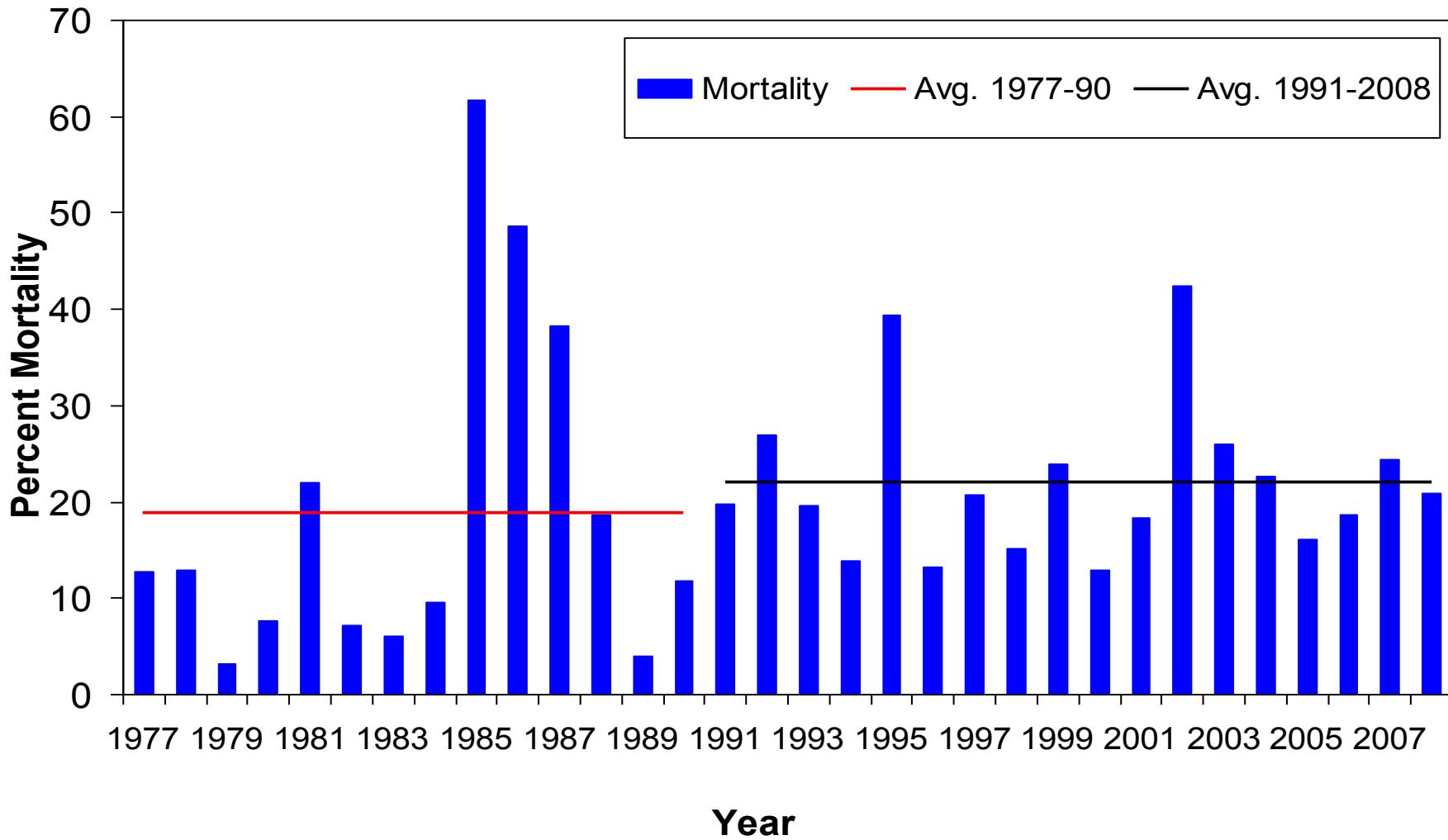
# Woodland Beach Small Oysters



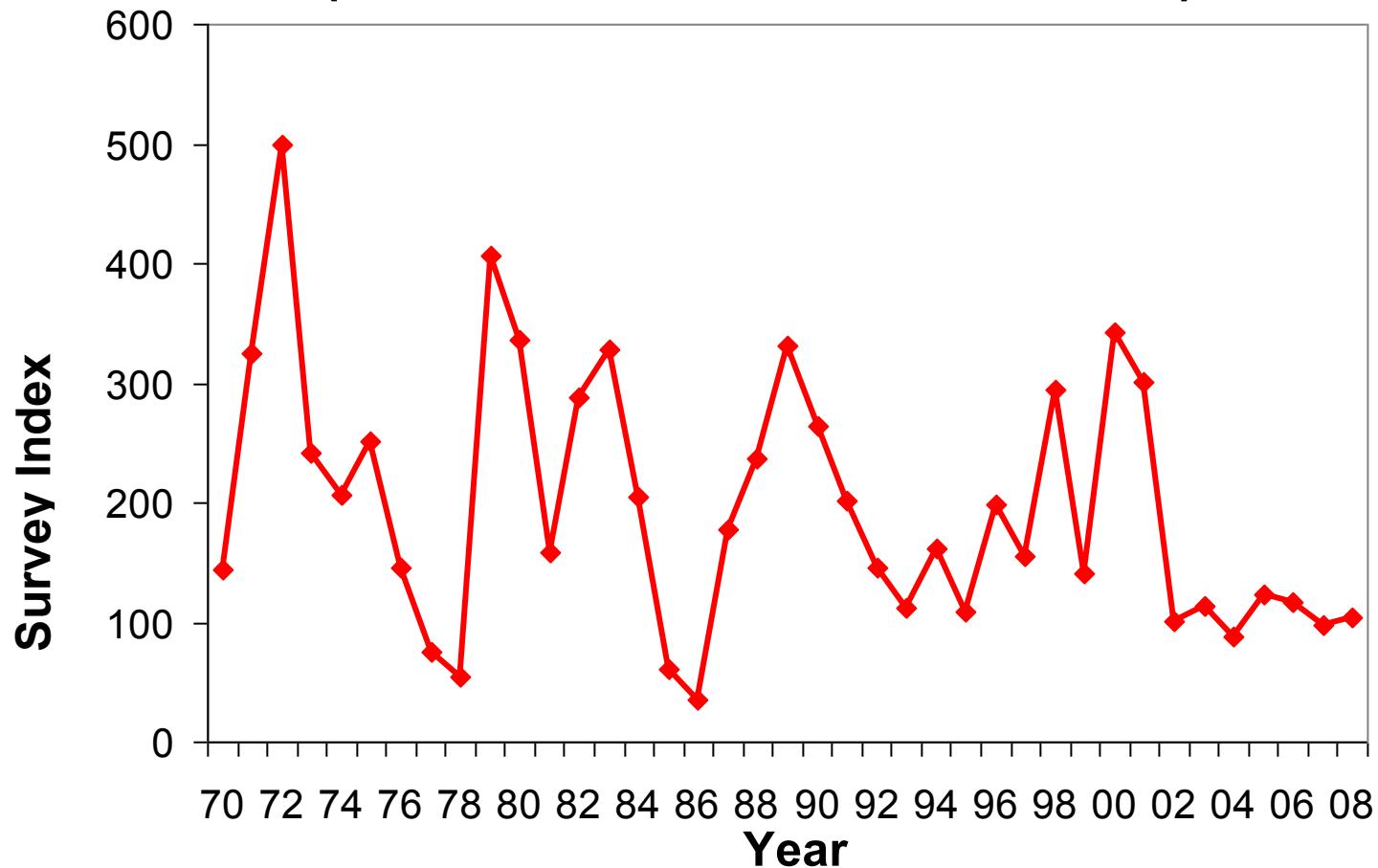
# Woodland Beach Spat per Bushel



## Average Annual Mortality (smalls + markets)



## **Survey Index Over Time (Mean # small + market / bushel)**

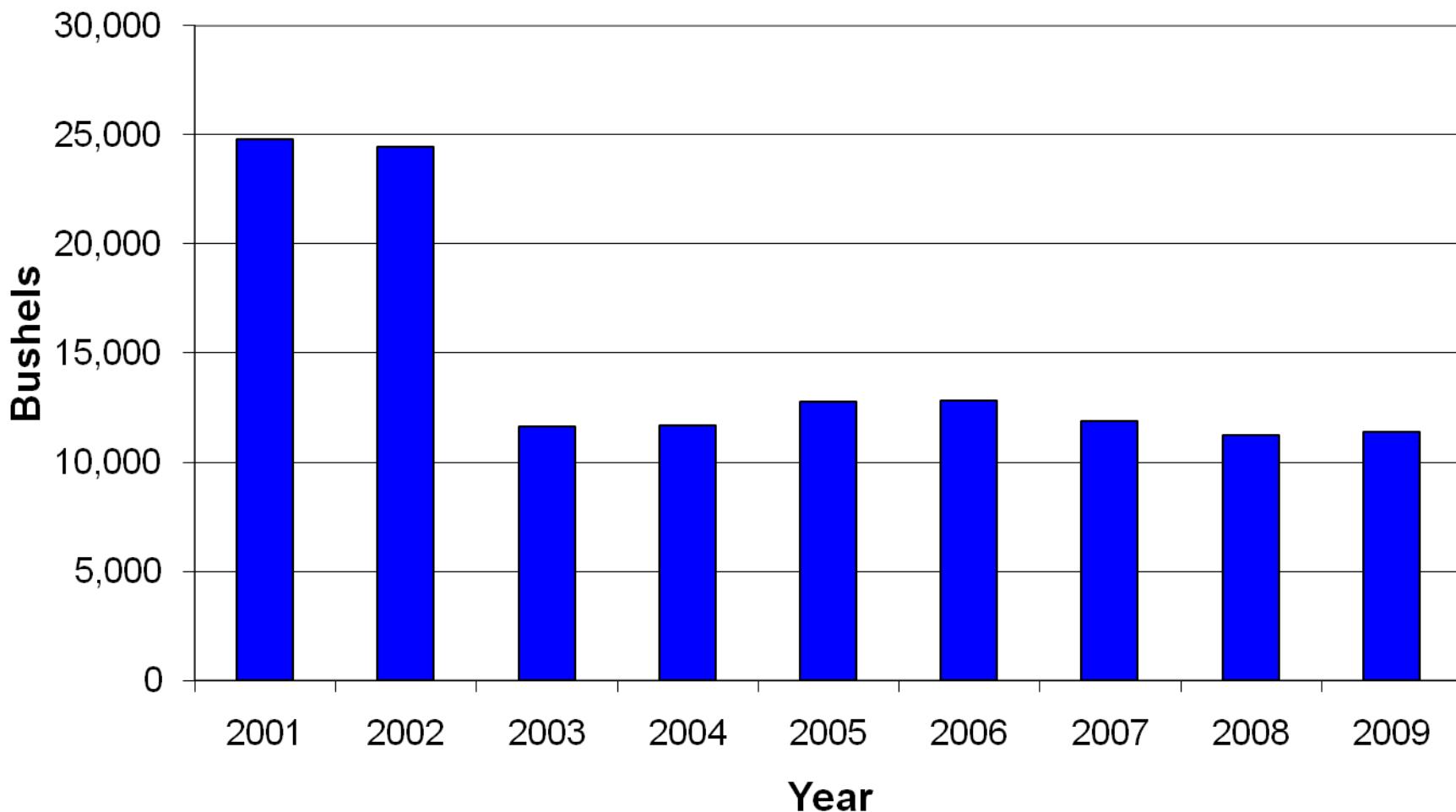


# Percentage of oysters greater than or equal to 2.75" and 3"

<b>Bed</b>	<b>% &gt; 2.75"</b>	<b>% &gt; 3"</b>
Silver Bed	52.49	46.20
Over-the-Bar	44.18	39.36
Lower Middle	28.04	23.55
Drum Bed	29.14	24.57
<b>Average</b>	<b>38.46</b>	<b>33.42</b>

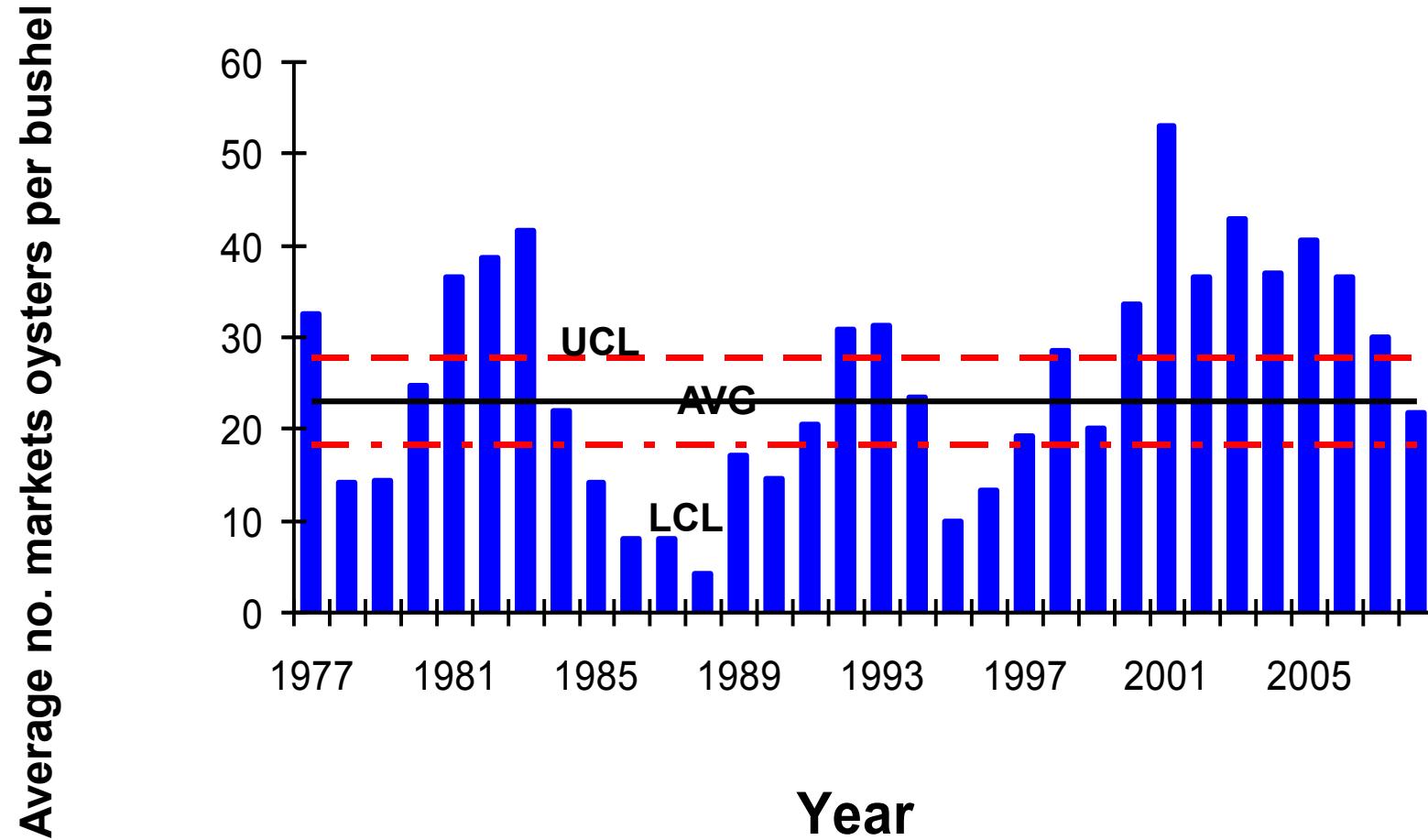
- 2009 quota is calculated from a nonlinear curve that describes the relationship between historical abundance (survey index) and harvest.
- 2009 quota = 11,405 bushels

## Annual Oyster Quota 2001-2008



# Pooled Average Number of Markets

(Upper C.I., Long-term Average (1977-2001), Lower C.I.)



**SEASON**

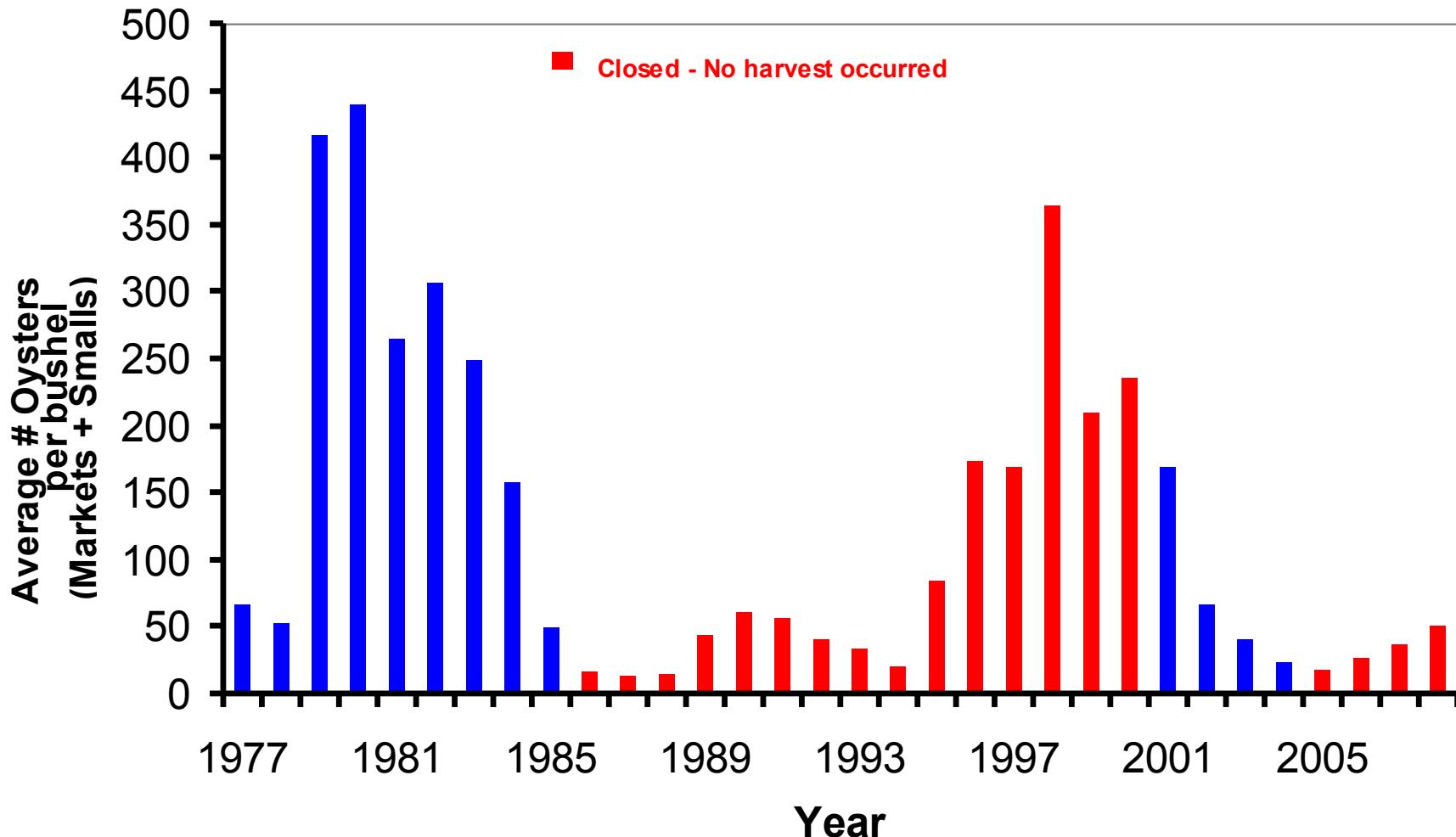
May 4 - June 27

Sep 1 – Dec 31

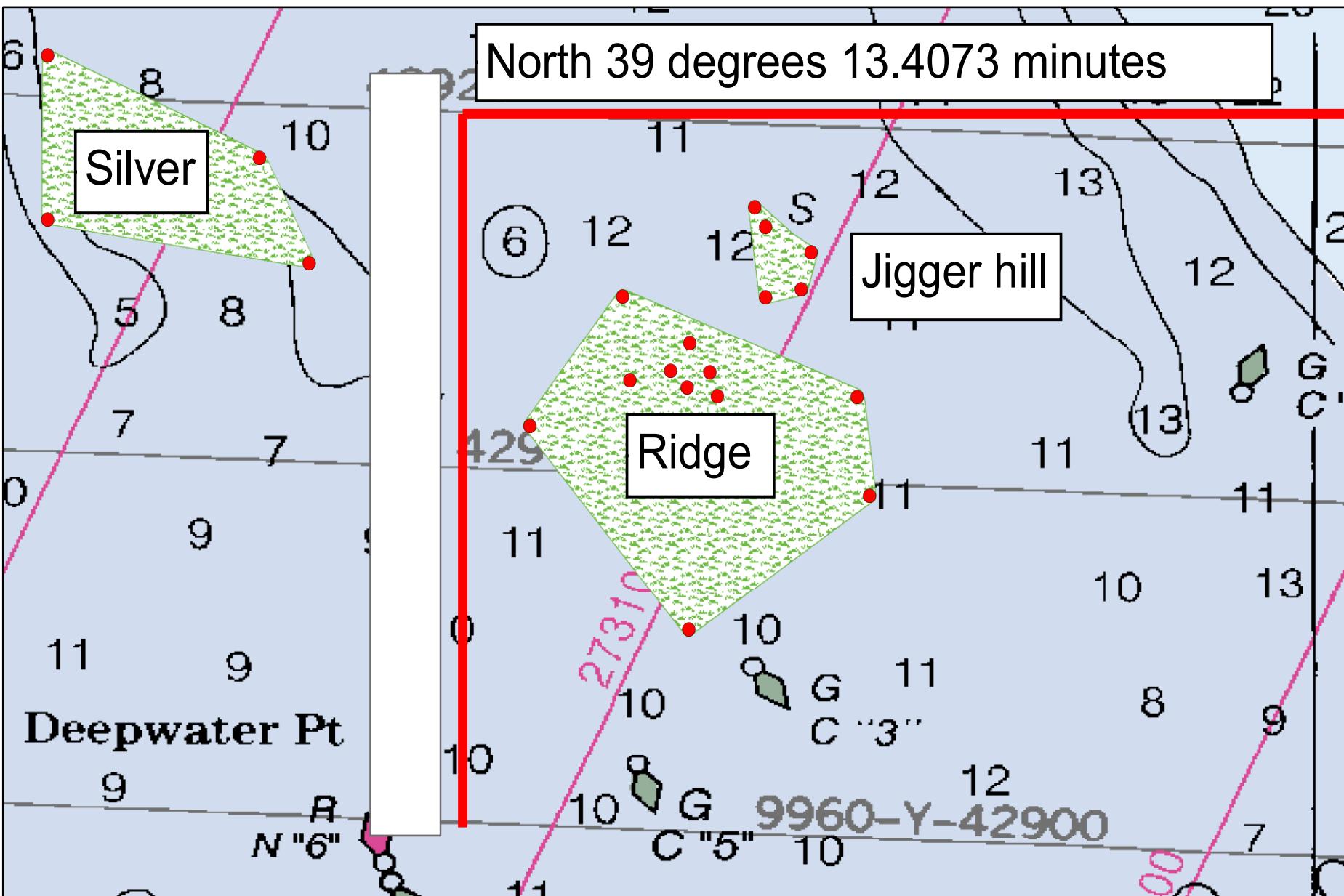
**QUOTA**

11,405 bushels

# Total Oyster Biomass on the Ridge (Markets + Smalls)

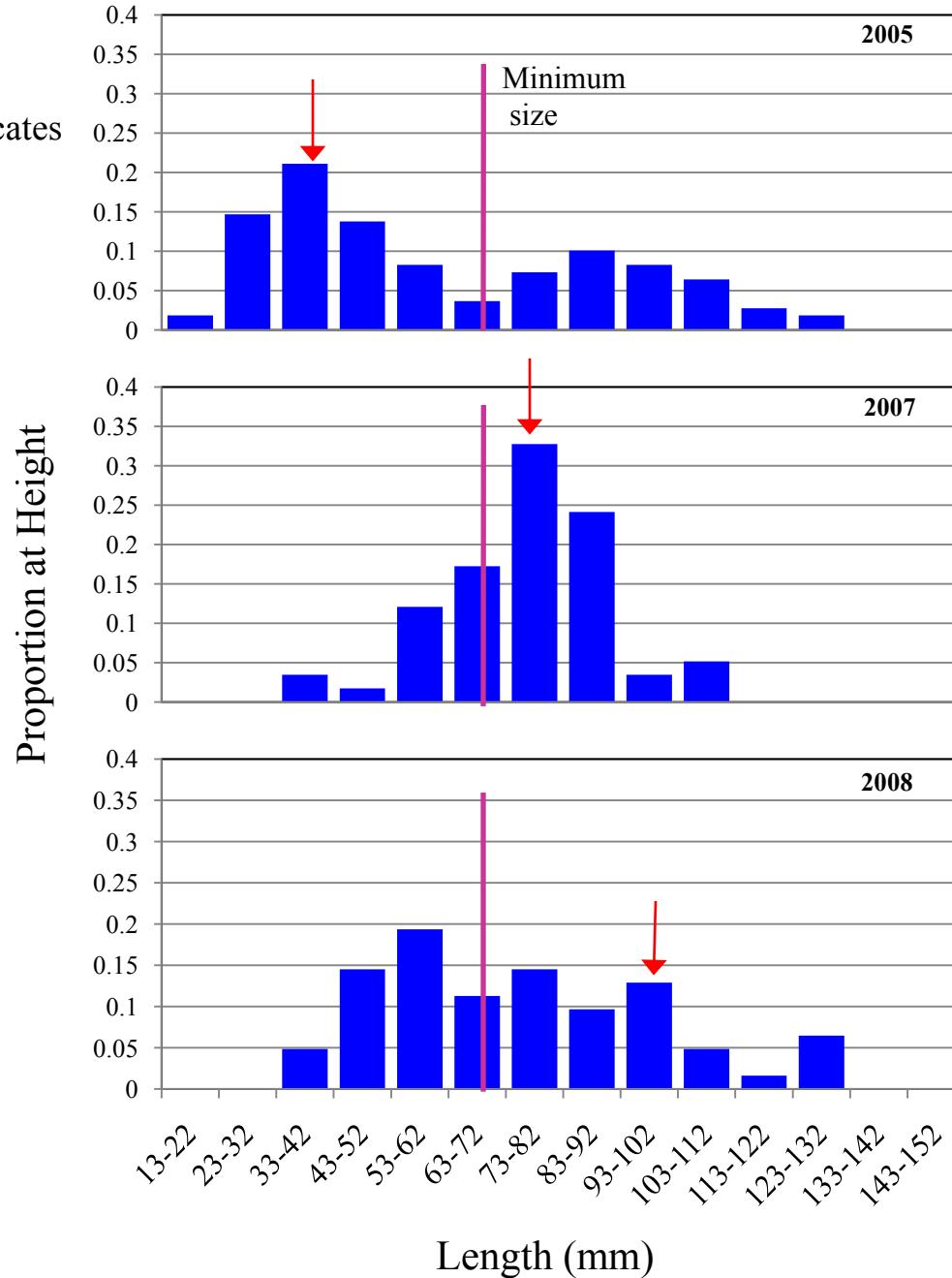


North 39 degrees 13.4073 minutes



# Recruitment and growth of oyster on the 2005 Jigger Hill shell pant site

Red arrows indicates  
2005 year class.



50% of oysters sampled  
in 2008 were above the  
minimum size.

# Delaware Oyster Restoration Shell Planting Sites 2008

